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## Patent claims\_

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A marine, flexible, integrated umbilical (for control, injection or production), which umbilical (10) comprises a number of fluid flow pipes (7; 7'; 7'') and optionally electric conductors (8; 8'), filler material between the fluid flow pipes and the possible electric conductors, said filler material comprises several inner and outer channel elements (2, 3, 4; 6, 9; 6', 9') being twisted about the longitudinal axis of the umbilical and assembled such that they form channels (11; 11'; 11") for receipt of the fluid flow pipes and the possible electric conductors respectively, said pipes and conductors being axially free movable within the channels, and an outer sheath (1; 1'; 1") of suitable material, characterized in that an armouring and weight adding band (B) is wrapped around the filler material and is laid between the filler material and the outer sheath (1; 1'; 1") in the finished umbilical (10).

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2.

A marine, flexible, integrated umbilical according to claim 1, characterized in that the armouring and weight adding band (B) is made of a metallic material, such as a band of steel.

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3.

A marine, flexible, integrated umbilical according to claim 1 or 2, characterized in that the armouring and weight adding band (B) is cross laid around the filler material, optionally in several layers.

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4.

A marine, flexible, integrated umbilical according to claim 1,2 or 3, characterized in that the armouring and weight adding band (B) has a width in the order of 40-60mm and thickness in the order of 0,6-1,0mm.